

Author Index

- ABE, K. *see* SOMA, J.
 ABE, M. *see* LIU, H.
 ABE, M. *see* YOKOYAMA, A.
 ABRAMSKY, O. *see* KARUSSIS, D.M.
 AGOSTINI, E. *see* GIOVANNETTI, A.
 ÁGUAS, A.P. *see* BRÁS, A.
 AIUTI, A. *see* GIOVANNETTI, A.
 AIUTI, F. *see* GIOVANNETTI, A.
 AIUTI, F. *see* PONTESILLI, O.
 AKAGI, N. *see* YAMAMOTO, T.
 AKAGI, S. *see* FUKUDA, R.
 ALEXANDER, G.J.M. *see* MICHALAK, T.I.
 ALLEN, A.C., HARPER, S.J. & FEEHALLY, J. Galactosylation of N- and O-linked carbohydrate moieties of IgA1 and IgG in IgA nephropathy, 470
 ALONSO, C. *see* SOTO, M.
 ANDERSEN, P.L. *see* NIELSEN, S.L.
 ANGEL, S.O. *see* SOTO, M.
 APPELBOOM, T. KAHN, M.F. & MAIRESSE, N. Antibodies to small ribonucleoprotein and to 73-kD heat shock protein: two distinct markers of mixed connective tissue disease, 486
 ARISAWA, T. *see* OHMIYA, N.
 ASAI, J. *see* OHMIYA, N.
 BAKER, S.R. *see* SOO, K.S.
 BALAFAS, A. *see* MAPPOURAS, D.G.
 BALLIEUX, B.E.P.B., VAN DER BURG, S.H., HAGEN, E.C., VAN DER WOUDE, F.J., MELIEF, C.J.M. & DAHA, M.R. Cell-mediated autoimmunity in patients with Wegener's granulomatosis (WG), 186
 BARRATT, T.M. *see* NEUHAUS, T.J.
 BASE, W. *see* WAGNER, L.
 BASTIN, B. *see* BOIRE, G.
 BATEMAN-FITE, R. *see* SEKUT, L.
 BEDIN, C., ROPARS, A., MIGNON-GODEFROY, K. & CHARREIRE, J. Molecular heterogeneity of antigen- or idiotype-induced anti-thyroglobulin monoclonal autoantibodies, 463
 BELOBORODOV, V.B. *see* PLATONOV, A.E.
 BELOSEVIC, M. *see* GUY, R.A.
 BEN-NUN, A. *see* KARUSSIS, D.M.
 BERNARDI, M.L. *see* PONTESILLI, O.
 BERRENS, L. *see* BOLUDA, L.
 BEVERLEY, P.C.L. *see* SOO, K.S.
 BIEMOND, B.J. *see* VAN DER POLL, T.
 BINI, P. *see* SILVERMAN, E.D.
 BOIRE, G., GENDRON, M., MONAST, N., BASTIN, B. & MÉNARD, H.A. Purification of antigenically intact Ro ribonucleoproteins; biochemical and immunological evidence that the 52-kD protein is not a Ro protein, 489
 BOLUDA, L. & BERRENS, L. Do IgE-IgG complexes occur in the circulation?, 145
 BORDMANN, G. *see* HURT, N.
 BOROCHOVITZ, D. *see* WOO, J.
 BOULET, L.-P. *see* CHU, H.W.
 BOUSQUET, J. *see* RIVIER, A.
 BOUTET, M. *see* CHU, H.W.
 BOWLES, M.J. *see* WEBSTER, G.A.
 BRACKKEEN, M.F. *see* SEKUT, L.
 BRANCH, D.R. *see* PHIPPS, D.J.
 BRÁS, A. & ÁGUAS, A.P. Mycobacteria-induced autoantibody production is associated with susceptibility to infection but not with host propensity to develop autoimmune disease, 75
 BRENNAN, F.R., NEGROU, G., BUZÁS, E.I., FÜLÖP, C., HOLLÓ, K., MIKECZ, K. & GLANT, T.T. Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis, 104
 BROUWER, E. *see* KALLENBERG, C.G.M.
 BURDON, J. *see* SAVIGE, J.A.
 BUYON, J. *see* SILVERMAN, E.D.
 BUZÁS, E.I. *see* BRENNAN, F.R.
 CALLARD, R. *see* NEUHAUS, T.J.
 CAMPBELL, A.M. *see* RIVIER, A.
 CANDAL-COUTO, J.J. *see* D'ARRIGO, C.
 CARLESIMO, M. *see* PONTESILLI, O.
 CARLO, D.J. *see* TRAUGER, R.J.
 CENTENO, M. *see* ULRICH, M.
 CEUPPENS, J.L. *see* VINGERHOETS, J.H.
 CHADWELL, M.K. *see* JARVIS, J.N.
 CHALLACOMBE, S.J. Assessing mucosal humoral immunity, 181
 CHAMPOUX, J.J. *see* WHYTE, J.
 CHAN, E.K.L. *see* VON MÜHLEN, C.A.
 CHAN, T.M., YU, P.M., TSANG, K.L.C. & CHENG, I.K.P. Endothelial cell binding by human polyclonal anti-DNA antibodies: relationship to disease activity and endothelial functional alterations, 506
 CHANEZ, P. *see* RIVIER, A.
 CHANG, L. *see* SAVIGE, J.A.
 CHARLESWORTH, J.A. *see* GREENSTEIN, J.D.
 CHARREIRE, J. *see* BEDIN, C.
 CHENG, I.K.P. *see* CHAN, T.M.
 CHOI, I.H., HA, T.Y., LEE, D.G., PARK, J.S., LEE, J.H., PARK, Y.M. & LEE, H.K. Occurrence of disseminated intravascular coagulation (DIC) in active systemic anaphylaxis: role of platelet-activating factor, 390
 CHOI, I. *see* LEE, H.G.
 CHOWDHURY, A. *see* FUKUDA, R.
 CHRISTENSEN, C.B.V. *see* GAAFAR, A.
 CHU, H.W., WANG, J.M., BOUTET, M., BOULET, L.-P. & LAVIOLETTE, M. Increased expression of intercellular adhesion molecule-1 (ICAM-1) in a murine model of pulmonary eosinophilia and high IgE level, 319
 CHU, J.-L. *see* SILVERMAN, E.D.
 CLARK, R.L. *see* SEKUT, L.
 COHEN TERVAERT, J.W. *see* KALLENBERG, C.G.M.
 COLEBUNDERS, R.L. *see* VINGERHOETS, J.H.
 CONNOLLY, K.M. *see* SEKUT, L.
 CONVIT, J. *see* ULRICH, M.
 COOK, L. *see* SAVIGE, J.A.
 COSSENS, I.A. *see* WOOD, P.J.
 CROWE, S.M. *see* STENT, G.
 DAFALLA, M. *see* GAAFAR, A.
 DAHA, M.R. *see* BALLIEUX, B.E.P.B.
 DALAKAS, W.A. *see* O'HANLON, T.P.
 DANIEL, P.B. *see* SUMMERS, K.L.
 D'ARRIGO, C., CANDAL-COUTO, J.J., GREER, M., VEALE, D.J. & WOOF, J.M. Human neutrophil Fc receptor-mediated adhesion under flow: a hollow fibre model of intravascular arrest, 173
 DAS, K.M. *see* HASSAN, T.
 DASGUPTA, A. *see* HASSAN, T.
 DASKALAKIS, M. *see* SAVIGE, J.A.
 DAWKINS, R. *see* FRENCH, M.A.H.
 DE BOER, M. *see* VINGERHOETS, J.H.
 DEICHER, H. *see* NEU, E.
 DENIS, K.A. *see* FRENCH, M.A.H.
 DERRY, C.J., ROSS, C.N., LOMBARDI, G., MASON, P.D., REES, A.J., LECHLER, R.I. & PUSEY, C.D. Analysis of T cell responses to the autoantigen in Goodpasture's disease, 262
 DIANZANI, F. *see* GIOVANNETTI, A.
 DIEBOLD, M.M. *see* JARVIS, J.N.
 DIJKSTRA, C.D. *see* HUITINGA, I.
 DOE, W.F. *see* GRIMM, M.C.
 DOERY, J. *see* SAVIGE, J.A.

Author Index

- ABE, K. *see* SOMA, J.
 ABE, M. *see* LIU, H.
 ABE, M. *see* YOKOYAMA, A.
 ABRAMSKY, O. *see* KARUSSIS, D.M.
 AGOSTINI, E. *see* GIOVANNETTI, A.
 ÁGUAS, A.P. *see* BRÁS, A.
 AIUTI, A. *see* GIOVANNETTI, A.
 AIUTI, F. *see* GIOVANNETTI, A.
 AIUTI, F. *see* PONTESILLI, O.
 AKAGI, N. *see* YAMAMOTO, T.
 AKAGI, S. *see* FUKUDA, R.
 ALEXANDER, G.J.M. *see* MICHALAK, T.I.
 ALLEN, A.C., HARPER, S.J. & FEEHALLY, J. Galactosylation of N- and O-linked carbohydrate moieties of IgA1 and IgG in IgA nephropathy, 470
 ALONSO, C. *see* SOTO, M.
 ANDERSEN, P.L. *see* NIELSEN, S.L.
 ANGEL, S.O. *see* SOTO, M.
 APPELBOOM, T. KAHN, M.F. & MAIRESSE, N. Antibodies to small ribonucleoprotein and to 73-kD heat shock protein: two distinct markers of mixed connective tissue disease, 486
 ARISAWA, T. *see* OHMIYA, N.
 ASAI, J. *see* OHMIYA, N.
 BAKER, S.R. *see* SOO, K.S.
 BALAFAS, A. *see* MAPPOURAS, D.G.
 BALLIEUX, B.E.P.B., VAN DER BURG, S.H., HAGEN, E.C., VAN DER WOUDE, F.J., MELIEF, C.J.M. & DAHA, M.R. Cell-mediated autoimmunity in patients with Wegener's granulomatosis (WG), 186
 BARRATT, T.M. *see* NEUHAUS, T.J.
 BASE, W. *see* WAGNER, L.
 BASTIN, B. *see* BOIRE, G.
 BATEMAN-FITE, R. *see* SEKUT, L.
 BEDIN, C., ROPARS, A., MIGNON-GODEFROY, K. & CHARREIRE, J. Molecular heterogeneity of antigen- or idiotype-induced anti-thyroglobulin monoclonal autoantibodies, 463
 BELOBORODOV, V.B. *see* PLATONOV, A.E.
 BELOSEVIC, M. *see* GUY, R.A.
 BEN-NUN, A. *see* KARUSSIS, D.M.
 BERNARDI, M.L. *see* PONTESILLI, O.
 BERRENS, L. *see* BOLUDA, L.
 BEVERLEY, P.C.L. *see* SOO, K.S.
 BIEMOND, B.J. *see* VAN DER POLL, T.
 BINI, P. *see* SILVERMAN, E.D.
 BOIRE, G., GENDRON, M., MONAST, N., BASTIN, B. & MÉNARD, H.A. Purification of antigenically intact Ro ribonucleoproteins; biochemical and immunological evidence that the 52-kD protein is not a Ro protein, 489
 BOLUDA, L. & BERRENS, L. Do IgE-IgG complexes occur in the circulation?, 145
 BORDMANN, G. *see* HURT, N.
 BOROCHOVITZ, D. *see* WOO, J.
 BOULET, L.-P. *see* CHU, H.W.
 BOUSQUET, J. *see* RIVIER, A.
 BOUTET, M. *see* CHU, H.W.
 BOWLES, M.J. *see* WEBSTER, G.A.
 BRACKKEEN, M.F. *see* SEKUT, L.
 BRANCH, D.R. *see* PHIPPS, D.J.
 BRÁS, A. & ÁGUAS, A.P. Mycobacteria-induced autoantibody production is associated with susceptibility to infection but not with host propensity to develop autoimmune disease, 75
 BRENNAN, F.R., NEGROU, G., BUZÁS, E.I., FÜLÖP, C., HOLLÓ, K., MIKECZ, K. & GLANT, T.T. Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis, 104
 BROUWER, E. *see* KALLENBERG, C.G.M.
 BURDON, J. *see* SAVIGE, J.A.
 BUYON, J. *see* SILVERMAN, E.D.
 BUZÁS, E.I. *see* BRENNAN, F.R.
 CALLARD, R. *see* NEUHAUS, T.J.
 CAMPBELL, A.M. *see* RIVIER, A.
 CANDAL-COUTO, J.J. *see* D'ARRIGO, C.
 CARLESIMO, M. *see* PONTESILLI, O.
 CARLO, D.J. *see* TRAUGER, R.J.
 CENTENO, M. *see* ULRICH, M.
 CEUPPENS, J.L. *see* VINGERHOETS, J.H.
 CHADWELL, M.K. *see* JARVIS, J.N.
 CHALLACOMBE, S.J. Assessing mucosal humoral immunity, 181
 CHAMPOUX, J.J. *see* WHYTE, J.
 CHAN, E.K.L. *see* VON MÜHLEN, C.A.
 CHAN, T.M., YU, P.M., TSANG, K.L.C. & CHENG, I.K.P. Endothelial cell binding by human polyclonal anti-DNA antibodies: relationship to disease activity and endothelial functional alterations, 506
 CHANEZ, P. *see* RIVIER, A.
 CHANG, L. *see* SAVIGE, J.A.
 CHARLESWORTH, J.A. *see* GREENSTEIN, J.D.
 CHARREIRE, J. *see* BEDIN, C.
 CHENG, I.K.P. *see* CHAN, T.M.
 CHOI, I.H., HA, T.Y., LEE, D.G., PARK, J.S., LEE, J.H., PARK, Y.M. & LEE, H.K. Occurrence of disseminated intravascular coagulation (DIC) in active systemic anaphylaxis: role of platelet-activating factor, 390
 CHOI, I. *see* LEE, H.G.
 CHOWDHURY, A. *see* FUKUDA, R.
 CHRISTENSEN, C.B.V. *see* GAAFAR, A.
 CHU, H.W., WANG, J.M., BOUTET, M., BOULET, L.-P. & LAVIOLETTE, M. Increased expression of intercellular adhesion molecule-1 (ICAM-1) in a murine model of pulmonary eosinophilia and high IgE level, 319
 CHU, J.-L. *see* SILVERMAN, E.D.
 CLARK, R.L. *see* SEKUT, L.
 COHEN TERVAERT, J.W. *see* KALLENBERG, C.G.M.
 COLEBUNDERS, R.L. *see* VINGERHOETS, J.H.
 CONNOLLY, K.M. *see* SEKUT, L.
 CONVIT, J. *see* ULRICH, M.
 COOK, L. *see* SAVIGE, J.A.
 COSSENS, I.A. *see* WOOD, P.J.
 CROWE, S.M. *see* STENT, G.
 DAFALLA, M. *see* GAAFAR, A.
 DAHA, M.R. *see* BALLIEUX, B.E.P.B.
 DALAKAS, W.A. *see* O'HANLON, T.P.
 DANIEL, P.B. *see* SUMMERS, K.L.
 D'ARRIGO, C., CANDAL-COUTO, J.J., GREER, M., VEALE, D.J. & WOOF, J.M. Human neutrophil Fc receptor-mediated adhesion under flow: a hollow fibre model of intravascular arrest, 173
 DAS, K.M. *see* HASSAN, T.
 DASGUPTA, A. *see* HASSAN, T.
 DASKALAKIS, M. *see* SAVIGE, J.A.
 DAWKINS, R. *see* FRENCH, M.A.H.
 DE BOER, M. *see* VINGERHOETS, J.H.
 DEICHER, H. *see* NEU, E.
 DENIS, K.A. *see* FRENCH, M.A.H.
 DERRY, C.J., ROSS, C.N., LOMBARDI, G., MASON, P.D., REES, A.J., LECHLER, R.I. & PUSEY, C.D. Analysis of T cell responses to the autoantigen in Goodpasture's disease, 262
 DIANZANI, F. *see* GIOVANNETTI, A.
 DIEBOLD, M.M. *see* JARVIS, J.N.
 DIJKSTRA, C.D. *see* HUITINGA, I.
 DOE, W.F. *see* GRIMM, M.C.
 DOERY, J. *see* SAVIGE, J.A.

- D'OFFIZI, G. *see* PONTESILLI, O.
DOMSCHKE, W. *see* KUCHARZIK, T.
DOOMS, T.G. *see* WADEE, A.A.
DRÄGER, R. *see* JAHREIS, A.
DREES, N. *see* HURT, N.
- EARNshaw, W.C. *see* Whyte, J.
EDDLESTON, A.L.W.F. *see* MICHALAK, T.I.
EERENBERG, A. *see* VAN DER POLL, T.
EL HASSAN, A.M. *see* GAAFAR, A.
EL KADARO, A.Y. *see* GAAFAR, A.
ELKON, K.B. *see* SILVERMAN, E.D.
- FEHALLY, J. *see* ALLEN, A.C.
FERRARA, R. *see* PONTESILLI, O.
FINLAY-JONES, J.J. *see* WATSON, C.J.
FLAD, H.-D. *see* SWIDER, C.
FRENCH, M.A.H., DENIS, K.A., DAWKINS, R. & PETER, J.B. Severity of infections in IgA deficiency: correlation with decreased serum antibodies to pneumococcal polysaccharides and decreased serum IgG2 and/or IgG4, 47
FRICKE, M. *see* NEU, E.
FRIEDLAND, J.S. HARTLEY, J.C., HARTLEY, C.G.C., SHATTOCK, R.J. & GRIFFIN, G.E. Inhibition of *ex vivo* proinflammatory cytokine secretion in fatal *Mycobacterium tuberculosis* infection, 233
FUCHS, B.A. *see* HARD JR, R.C.
FUJINO, S. *see* YOKOYAMA, A.
FUJIOKA, S. *see* YOKOYAMA, A.
FUKUDA, R., ISHIMURA, N., NGUYEN, TX, CHOWDHURY, A., ISHIHARA, S., KOHGE, N., AKAGI, S., WATANABE, M. & FUKUMOTO, S. The expression of IL-2, IL-4 and interferon-gamma (IFN- γ) mRNA using liver biopsies at different phases of acute exacerbation of chronic hepatitis B, 446
FUKUMOTO, S. *see* FUKUDA, R.
FÜLÖP, C. *see* BRENNAN, F.R.
- GAAFAR, A., KHARAZMI, A., ISMAIL, A., KEMP, M., HEY, A., CHRISTENSEN, C.B.V., DAFALLA, M., EL KADARO, A.Y., EL HASSAN, A.M. & THEANDER, T.G. Dichotomy of the T cell response to *Leishmania* antigens in patients suffering from cutaneous leishmaniasis; absence or scarcity of Th1 activity is associated with severe infections, 239
GABAY, C., GENIN, B., MENTHA, G., IYNEJIAN, P.B., ROUX-LOMBARD, P. & GUERNE, P.-A. IL-1 receptor antagonist (IL-1Ra) does not inhibit the production of C-reactive protein or serum amyloid A protein by human primary hepatocytes. Differential regulation in normal and tumour cells, 306
GALLATI, H. *see* HURT, N.
GENDRON, M. *see* BOIRE, G.
GENIN, B. *see* GABAY, C.
GENTH, E. *see* NEU, E.
GERDES, J. *see* SWIDER, C.
GIERMAKOWSKA, W. *see* TRAUGER, R.J.
GIGASE, P.L. *see* VINGERHOETS, J.H.
GIOVANNETTI, A., AIUTI, A., PIZZOLI, P.M., PIERDOMINICI, M., AGOSTINI, E., OLIVA, A., DIANZANI, F., AIUTI, F. & PANDOLFI, F. Tyrosine phosphorylation pathway is involved in interferon-gamma (IFN- γ) production; effect of sodium ortho vanadate, 157
GIRBAL, E. *see* SIMON, M.
GLANT, T.T. *see* BRENNAN, F.R.
GOEMAN, J. *see* VINGERHOETS, J.H.
GOMES-DAUDRIX, V. *see* SIMON, M.
GOMEZ, L.C. *see* SOTO, M.
GOTO, H. *see* OHMIYA, N.
GREENSTEIN, J.D., PEAKE, P.W. & CHARLESWORTH, J.A. The kinetics and distribution of C9 and SC5b-9 *in vivo*: effects of complement activation, 40
GREER, M. *see* D'ARRIGO, C.
GRIFFIN, G.E. *see* FRIEDLAND, J.S.
GRIMM, M.C., PAVLI, P., VAN DE POL, E. & DOE, W.F. Evidence for a CD14⁺ population of monocytes in inflammatory bowel disease mucosa—implications for pathogenesis, 291
GUERNE, P.-A. *see* GABAY, C.
GUERRA, E.C. *see* PONTESILLI, O.
GUY, R.A. & BELOSEVIC, M. Response of *scid* mice to establishment of *Leishmania major* infection, 440
GUZMAN, F. *see* SOTO, M.
- HA, T.Y. *see* CHOI, I.H.
HAAGMANS, B.L. *see* VAN DER POLL, T.
HACK, C.E. *see* KUMMER, J.A.
HACK, C.E. *see* VAN DER POLL, T.
HAFTEK, M. *see* SIMON, M.
HAGEN, E.C. *see* BALLIEUX, B.E.P.B.
HALL, N.D. *see* Whyte, J.
HAMILTON, R. *see* SILVERMAN, E.D.
HARA, J. *see* OSUGI, Y.
HARALAMBOUS, S. *see* MAPPOURAS, D.G.
HARD JR, R.C., MONTGOMERY, J.L. & FUCHS, B.A. Immunodeficiency in RFM/(T6xRfM)F₁ mouse chimaeras with lethal host-versus-graft syndrome, 352
HARPER, S.J. *see* ALLEN, A.C.
HART, D.N.J. *see* SUMMERS, K.L.
HART, P.H. *see* WATSON, C.J.
HARTLEY, C.G.C. *see* FRIEDLAND, J.S.
HARTLEY, J.C. *see* FRIEDLAND, J.S.
HARTUNG, H.-P. *see* HUTTINGA, I.
HASSAN, T., KANISAWA, Y., MEYERS, S., DASGUPTA, A. & DAS, K.M. Expression of a unique protein on colon cancer cells that reacts with a novel monoclonal antibody and ulcerative colitis serum, 457
HAYAKAWA, T. *see* OHMIYA, N.
HEMMERICH, P.H. *see* NEU, E.
HEMMERICH, P.H. *see* VON MIKECZ, A.H.
HEY, A. *see* GAAFAR, A.
HIRASAWA, Y. *see* YOKOYAMA, A.
HIWADA, K. *see* YOKOYAMA, A.
HOLLÖ, K. *see* BRENNAN, F.R.
HUTTINGA, I., RUULS, S.R., JUNG, S., VAN ROOIJEN, N., HARTUNG, H.-P. & DIJKSTRA, C.D. Macrophages in T cell line-mediated, demyelinating, and chronic relapsing experimental autoimmune encephalomyelitis in Lewis rats, 344
HURT, N., THEIN, M., SMITH, T., BORDMANN, G., GALLATI, H., DREES, N., TANNER, M. & WEISS, N. Immunological markers of childhood fevers in an area of intense and perennial malaria transmission, 59
- IKEDA, A. *see* YOSHIZAWA, Y.
IKIZAWA, K., KAJIWARA, K., KOSHIO, T., MATSUURA, N. & YANAGIHARA, Y. Inhibition of IL-4 receptor up-regulation on B cells by antisense oligodeoxynucleotide suppresses IL-4-induced human IgE production, 383
IMAI, H. *see* VON MÜHLEN, C.A.
INOUE, M. *see* OSUGI, Y.
INOUE, T. *see* YOSHIZAWA, Y.
INOUE, Y. *see* YOKOYAMA, A.
IOBIDZE, M. *see* JARVIS, J.N.
IRVING, L. *see* STENT, G.
ISHIDA, S. *see* YOKOYAMA, A.
ISHIHARA, S. *see* FUKUDA, R.
ISHIMURA, N. *see* FUKUDA, R.
ISMAIL, A. *see* GAAFAR, A.
ITO, M. *see* OHMIYA, N.
IYNEJIAN, P.B. *see* GABAY, C.
- JAHREIS, A., YOUSIF, Y., RUMP, J.A., DRÄGER, R., VOGT, A., PETER, H.H. & SCHLESIER, M. Two novel cationic staphylococcal proteins induce IL-2 secretion, proliferation and immunoglobulin synthesis in peripheral blood mononuclear cells (PBMC) of both healthy controls and patients with common variable immunodeficiency (CVID), 406
JANSEN, J. *see* VAN DER POLL, T.
JARVIS, J.N., DIEBOLD, M.M., CHADWELL, M.K., IOBIDZE, M. & MOORE, H.T. Composition and biological behaviour of immune complexes isolated from synovial fluid of patients with juvenile rheumatoid arthritis (JRA), 514
JENSEN, F.C. *see* TRAUGER, R.J.
JENSENIUS, J.C. *see* NIELSEN, S.L.
JUNG, S. *see* HUTTINGA, I.
- KAHN, M.F. *see* APPELBOOM, T.
KAJWARA, K. *see* IKIZAWA, K.

- KALLENBERG, C.G.M., BROUWER, E., MULDER, A.H.L., STEGEMAN, C.A., WEENING, J.J. & COHEN TERVAERT, J.W. ANCA—pathophysiology revisited, 1
- KAMP, A.M. *see* KUMMER, J.A.
- KANISAWA, Y. *see* HASSAN, T.
- KARIM, M.S. *see* WEBSTER, G.A.
- KARUSSIS, D.M., VOURKA-KARUSSIS, U., LEHMANN, D., ABRAMSKY, O., BEN-NUN, A. & SLAVIN, S. Immunomodulation of autoimmunity in MRL/lpr mice with syngeneic bone marrow transplantation (SBMT), 111
- KAWAHA, K. *see* OSUGI, Y.
- KAY, R.A. The potential role of superantigens in inflammatory bowel disease, 4
- KAYTY, H. *see* PLATONOV, A.E.
- KEHLEN, A. *see* RIEMANN, D.
- KEMENY, D.M. *see* ZHENG, R.Q.H.
- KEMP, M. *see* GAAFAR, A.
- KESTENS, L.L. *see* VINGERHOETS, J.H.
- KHARAZMI, A. *see* GAAFAR, A.
- KIM, J.D. *see* SHIN, J.S.
- KIM, S.J. *see* SHIN, J.S.
- KIYOSAWA, K. *see* VON MÜHLEN, C.A.
- KOCH, C. *see* NIELSEN, S.L.
- KOHGE, N. *see* FUKUDA, R.
- KOHNO, N. *see* YOKOYAMA, A.
- KONDO, K. *see* YOKOYAMA, A.
- KOSAKA, M. *see* LIU, H.
- KOSHIO, T. *see* IKIZAWA, K.
- KRAWINKEL, U. *see* NEU, E.
- KRAWINKEL, U. *see* VON MIKECZ, A.H.
- KUCHARZIK, T., STOLL, R., LÜGERING, N. & DOMSCHKE, W. Circulating antiinflammatory cytokine IL-10 in patients with inflammatory bowel disease (IBD), 452
- KUMAGAI, S. *see* OTA, H.
- KUMMER, J.A., KAMP, A.M., TADEMA, T.M., VOS, W., MEIJER, C.J.L.M. & HACK, C.E. Localization and identification of granzymes A and B-expressing cells in normal human lymphoid tissue and peripheral blood, 164
- KURAHASHI, H. *see* OSUGI, Y.
- KURUP, V.P. *see* YOSHIZAWA, Y.
- KUSCHKE, R.H. *see* WADEE, A.A.
- KYOGOKU, M. *see* ONO, M.
- LABA, A. *see* SWIDER, C.
- LANG, G. *see* WAGNER, L.
- LANGE, A. *see* SWIDER, C.
- LANGNER, J. *see* RIEMANN, D.
- LAU, J.Y.N. *see* MICHALAK, T.I.
- LAVIOLETTE, M. *see* CHU, H.W.
- LAXER, R.M. *see* SILVERMAN, E.D.
- LECHLER, R.I. *see* DERRY, C.J.
- LEE, D.G. *see* CHOI, I.H.
- LEE, H.G., CHOI, I., PYUN, K.H. & PARK, K.W. Peritoneal lavage fluids stimulate NIH3T3 fibroblast proliferation and contain increased tumour necrosis factor and IL-6 in experimental silica-induced rat peritonitis, 139
- LEE, H.K. *see* CHOI, I.H.
- LEE, J.H. *see* CHOI, I.H.
- LEE, J.M. *see* SHIN, J.S.
- LEHMANN, D. *see* KARUSSIS, D.M.
- LEMSTER, B. *see* WOO, J.
- LEVI, M. *see* VAN DER POLL, T.
- LEVI-SCHAEFFER, F. *see* NAGLER, A.
- LEWIN, S. *see* STENT, G.
- LIU, H., OZAKI, K., MATSUZAKI, Y., ABE, M., KOSAKA, M. & SAITO, S. : Suppression of haematopoiesis by IgG autoantibodies from patients with systemic lupus erythematosus (SLE), 480
- LOMBARDI, G. *see* DERRY, C.J.
- LYMBERI, P. *see* MAPPOURAS, D.G.
- LÜGERING, N. *see* KUCHARZIK, T.
- MACFADDEN, D.K. *see* PHIPPS, D.J.
- MAIRESSE, N. *see* APPELBOOM, T.
- MAPPOURAS, D.G., PHILIPPOU, G., HARALAMBOUS, S., TZARTOS, S.J., BALAFAS, A., SOUVATZOGLOU, A. & LYMBERI, P. Antibodies to acetylcholinesterase cross-reacting with thyroglobulin in myasthenia gravis and Graves' disease, 336
- MASON, P.D. *see* DERRY, C.J.
- MATHIESON, P.W. & OLIVEIRA, D.B.G. The role of cellular immunity in systemic vasculitis, 183
- MATSUURA, N. *see* IKIZAWA, K.
- MATSUZAKI, Y. *see* LIU, H.
- MAYER, L. *see* PANJA, A.
- MAZZONE, A.M. *see* PONTESILLI, O.
- McDONALD, P.J. *see* WATSON, C.J.
- McFARLANE, B.M. *see* MICHALAK, T.I.
- MCHUGH, N.J. *see* WHYTE, J.
- MEIJER, C.J.L.M. *see* KUMMER, J.A.
- MELIEF, C.J.M. *see* BALLIEUX, B.E.P.B.
- MEMBERS OF THE SLE STUDY GROUP, *see* NEU, E.
- MÉNARD, H.A. *see* BOIRE, G.
- MENIUS JR, J.A. *see* SEKUT, L.
- MENTHA, G. *see* GABAY, C.
- MESSERSMITH, M.C. *see* O'HANLON, T.P.
- MEYERS, S. *see* HASSAN, T.
- MICHALAK, T.I., LAU, J.Y.N., McFARLANE, B.M., ALEXANDER, G.J.M., EDDLESTON, A.L.W.F. & WILLIAMS, R. Antibody-directed complement-mediated cytotoxicity to hepatocytes from patients with chronic hepatitis B, 227
- MICHIE, C.A. *see* SOO, K.S.
- MIGNON-GODEFROY, K. *see* BEDIN, C.
- MIKECZ, K. *see* BRENNAN, F.R.
- MILLER, F.W. *see* O'HANLON, T.P.
- MILLS, G.B. *see* PHIPPS, D.J.
- MIYAKE, S. *see* YOSHIZAWA, Y.
- MONAST, N. *see* BOIRE, G.
- MONIEWSKA, A. *see* SWIDER, C.
- MONTOUR, J.L. *see* HARD JR, R.C.
- MOORE, H.T. *see* JARVIS, J.N.
- MORINOBU, A. *see* OTA, H.
- MULDER, A.H.L. *see* KALLENBERG, C.G.M.
- NAGLER, A., SEGAL, V., SLAVIN, S. & LEVI-SCHAEFFER, F. Ketotifen therapy in chronic graft-versus-host disease (cGVHD): effect on mast cells and fibroblasts, 529
- NAKAO, K. *see* OTA, H.
- NALESNIK, M.A. *see* WOO, J.
- NEGROIU, G. *see* BRENNAN, F.R.
- NEU, E., VON MIKECZ, A.H., HEMMERICH, P.H., PETER, H.-H., FRICKE, M., DEICHER, H., GENTH, E., KRAWINKEL, U. & MEMBERS OF THE SLE STUDY GROUP. Autoantibodies against eukaryotic protein L7 in patients suffering from systemic lupus erythematosus and progressive systemic sclerosis: frequency and correlation with clinical, serological and genetic parameters, 198
- NEUHAUS, T.J., WADHWA, M., CALLARD, R. & BARRATT, T.M. Increased IL-2, IL-4 and interferon-gamma (IFN- γ) in steroid-sensitive nephrotic syndrome, 475
- NGUYEN, TX. *see* FUKUDA, R.
- NIELSEN, S.L., ANDERSEN, P.L., KOCH, C., JENSENIUS, J.C. & THIEL, S. The level of the serum opsonin, mannan-binding protein in HIV-1 antibody-positive patients, 219
- NOEL, L.S. *see* SEKUT, L.
- NÖSE, M. *see* ONO, M.
- O'DONNELL, J.L. *see* SUMMERS, K.L.
- O'HANLON, T.P., MESSERSMITH, M.C., DALAKAS, W.A., PLOTZ, P.H. & MILLER, F.W. $\gamma\delta$ T cell receptor gene expression by muscle-infiltrating lymphocytes in the idiopathic inflammatory myopathies, 519
- OHYASHI, M. *see* OHMIYA, N.
- OHMIYA, N., ITO, M., OHYASHI, M., ARISAWA, T., GOTO, H., TSUKAMOTO, Y., HAYAKAWA, T. & ASAI, J. Two phenotypically distinct B lymphocytes (IgM^{high}IgD^{low} and IgM^{low}IgD^{high}) in chronic gastric ulcer in the rat, 151
- OHTANI, Y. *see* YOSHIZAWA, Y.
- OKADA, S. *see* OSUGI, Y.
- OLIVA, A. *see* GIOVANNETTI, A.
- OLIVEIRA, D.B.G. *see* MATHIESON, P.W.
- ONO, M., YAMAMOTO, T., KYOGOKU, M. & NÖSE, M. Sequence analysis of

- the germ-line V_H gene corresponding to a nephritogenic antibody in MRL/lpr lupus mice, 284
- OOTAKA, T. *see* SOMA, J.
- OSAKI, T. *see* YAMAMOTO, T.
- OSUGI, Y., HARA, J., KURASHI, H., SAKATA, N., INOUE, M., YUMURA-YAGI, K., KAWAHA, K., OKADA, S. & TAWA, A. Age-related changes in surface antigens on peripheral lymphocytes of healthy children, 543
- OTA, H., KUMAGAI, S., MORINOBU, A., YANAGIDA, H. & NAKAO, K. Enhanced production of transforming growth factor-beta (TGF- β) during autologous mixed lymphocyte reaction of systemic sclerosis patients, 99
- OZAKI, K. *see* LIU, H.
- PANDOLFI, F. *see* GIOVANNETTI, A.
- PANJA, A., SIDEN, E. & MAYER, L. : Synthesis and regulation of accessory/proinflammatory cytokines by intestinal epithelial cells, 298
- PARK, J.H. *see* SHIN, J.S.
- PARK, J.S. *see* CHOI, I.H.
- PARK, K.W. *see* LEE, H.G.
- PARK, Y.M. *see* CHOI, I.H.
- PARKER, L.H. *see* WHYTE, J.
- PATARROYO, M.E. *see* SOTO, M.
- PAVLI, P. *see* GRIMM, M.C.
- PAVLOVA, L.I. *see* PLATONOV, A.E.
- PEAKE, P.W. *see* GREENSTEIN, J.D.
- PEEBLES, C.L. *see* VON MÜHLEN, C.A.
- PÈNE, J. *see* RIVIER, A.
- PENNE, G.G. *see* VINGERHOETS, J.H.
- PETER, H.H. *see* JAHREIS, A.
- PETER, H.-H. *see* NEU, E.
- PETER, H.-H. *see* VON MIKECZ, A.H.
- PETER, J.B. *see* FRENCH, M.A.H.
- PHILIPPOU, G. *see* MAPPOURAS, D.G.
- PHIPPS, D.J., REED-DOOB, P., MACFADDEN, D.K., PIOVESAN, J.P., MILLS, G.B. & BRANCH, D.R. An octapeptide analogue of HIV gp120 modulates protein tyrosine kinase activity in activated peripheral blood T lymphocytes, 412
- PIERDOMINICI, M. *see* GIOVANNETTI, A.
- PIOVESAN, J.P. *see* PHIPPS, D.J.
- PIZZOLI, P.M. *see* GIOVANNETTI, A.
- PLATONOV, A.E., BELOBORODOV, V.B., PAVLOVA, L.I., VERSHININA, I.V. & KÄYHTY, H. Vaccination of patients deficient in a late complement component with tetravalent meningococcal capsular polysaccharide vaccine, 32
- PLOTZ, P.H. *see* O'HANLON, T.P.
- POCKLEY, A.G. *see* WEBSTER, G.A.
- PONTESILLI, O., CARLESIMO, M., VARANI, A.R., FERRARA, R., GUERRA, E.C., BERNARDI, M.L., RICCI, G., MAZZONE, A.M., D'OFFIZI, G. & AIUTI, F. HIV-specific lymphoproliferative responses in asymptomatic HIV-infected individuals, 419
- PUSEY, C.D. *see* DERRY, C.J.
- PYUN, K.H. *see* LEE, H.G.
- QUIJADA, L. *see* SOTO, M.
- RABESANDRATANA, H. *see* RIVIER, A.
- REED-DOOB, P. *see* PHIPPS, D.J.
- REES, A.J. *see* DERRY, C.J.
- REQUENA, J.M. *see* SOTO, M.
- RICCI, G. *see* PONTESILLI, O.
- RICHES, P.G. *see* YENTIS, S.M.
- RIEMANN, D., KEHLEN, A. & LANGNER, J. Stimulation of the expression and the enzyme activity of aminopeptidase N/CD13 and dipeptidyl-peptidase IV/CD26 on human renal cell carcinoma cells and renal tubular epithelial cells by T cell-derived cytokines, such as IL-4 and IL-13, 277
- RIVIER, A., PÈNE, J., RABESANDRATANA, H., CHANEZ, P., BOUSQUET, J. & CAMPBELL, A.M. Blood monocytes of untreated asthmatics exhibit some features of tissue macrophages, 314
- RODRIGUEZ, V. *see* ULRICH, M.
- ROPARS, A. *see* BEDIN, C.
- ROSS, C.N. *see* DERRY, C.J.
- ROUX-LOMBARD, P. *see* GABAY, C.
- ROWBOTTOM, A.W. *see* YENTIS, S.M.
- RUMP, J.A. *see* JAHREIS, A.
- RUULS, S.R. *see* HUITINGA, I.
- SAITO, S. *see* LIU, H.
- SAITO, T. *see* SOMA, J.
- SAKATA, N. *see* OSUGI, Y.
- SATO, H. *see* SOMA, J.
- SAVIGE, J.A., CHANG, L., COOK, L., BURDON, J., DASKALAKIS, M. & DOERY, J. α_1 -Antitrypsin deficiency and anti-proteinase 3 antibodies in anti-neutrophil cytoplasmic antibody (ANCA)-associated systemic vasculitis, 194
- SCHLESIER, M. *see* JAHREIS, A.
- SEBBAG, M. *see* SIMON, M.
- SEGAL, V. *see* NAGLER, A.
- SEINO, J. *see* SOMA, J.
- SEKUT, L., YARNALL, D., STIMPSON, S.A., NOEL, L.S., BATEMAN-FITE, R., CLARK, R.L., BRACKEEN, M.F., MENIUS JR, J.A. & CONNOLLY, K.M. Anti-inflammatory activity of phosphodiesterase (PDE)-IV inhibitors in acute and chronic models of inflammation, 126
- SERRE, G. *see* SIMON, M.
- SHATTUCK, R.J. *see* FRIEDLAND, J.S.
- SHIN, J.S., PARK, J.H., KIM, J.D., LEE, J.M. & KIM, S.J. Induction of tumour necrosis factor-alpha (TNF- α) mRNA in bladders and spleens of mice after intravesical administration of bacillus Calmette-Guérin, 26
- SIDEN, E. *see* PANJA, A.
- SILVERMAN, E.D., BUYON, J., LAXER, R.M., HAMILTON, R., BINI, P., CHU, J.-L. & ELKON, K.B. Autoantibody response to the Ro/La particle may predict outcome in neonatal lupus erythematosus, 499
- SIMON, M., VINCENT, C., HAFTEK, M., GIRBAL, E., SEBBAG, M., GOMÉSDAUDRIX, V. & SERRE, G. The rheumatoid arthritis-associated auto-antibodies to filaggrin label the fibrous matrix of the cornified cells but not the profilaggrin-containing keratohyalin granules in human epidermis, 90
- SLAVIN, S. *see* KARUSSIS, D.M.
- SLAVIN, S. *see* NAGLER, A.
- SMITH, T. *see* HURT, N.
- SOMA, J., SAITO, T., SEINO, J., SATO, H., OOTAKA, T., YUSA, A. & ABE, K. Participation of CR1 (CD35), CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in membranoproliferative glomerulonephritis type I, 269
- SOO, K.S., MICHIE, C.A., BAKER, S.R., WYLLIE, J.H. & BEVERLEY, P.C.L. Selective recruitment of lymphocyte subsets to the inflammatory appendix, 133
- SOTO, M., REQUENA, J.M., QUIJADA, L., ANGEL, S.O., GOMEZ, L.C., GUZMAN, F., PATARROYO, M.E. & ALONSO, C. During active visceral leishmaniasis the anti-P2 humoral response is specifically triggered by the parasite P proteins, 246
- SOUVATZOGLOU, A. *see* MAPPOURAS, D.G.
- STEGEMAN, C.A. *see* KALLENBERG, C.G.M.
- STENT, G., IRVING, L., LEWIN, S. & CROWE, S.M. The kinetics of surface expression of CD11/CD18 integrins and CD54 on monocytes and macrophages, 366
- STEWART, L. *see* WHYTE, J.
- STIMPSON, S.A. *see* SEKUT, L.
- STOLL, R. *see* KUCHARZIK, T.
- SUMMERS, K.L., DANIEL, P.B., O'DONNELL, J.L. & HART, D.N.J. Dendritic cells in synovial fluid of chronic inflammatory arthritis lack CD80 surface expression, 81
- SWIDER, C., LABA, A., MONIEWSKA, A., GERDES, J., FLAD, H.-D. & LANGE, A. Presence of mRNA for interferon-gamma (IFN- γ) in blood mononuclear cells is associated with an active stage I sarcoidosis, 401
- TADEMA, T.M. *see* KUMMER, J.A.
- TAN, E.M. *see* VON MÜHLEN, C.A.
- TANBA, M. *see* YOSHIZAWA, Y.
- TANNER, M. *see* HURT, N.
- TAWA, A. *see* OSUGI, Y.
- TEN CATE, H. *see* VAN DER POLL, T.
- TEN CATE, J.W. *see* VAN DER POLL, T.
- THEANDER, T.G. *see* GAARFAR, A.
- THEIN, M. *see* HURT, N.
- THIEL, S. *see* NIELSEN, S.L.

- THOMSON, A.W. *see* Woo, J.
- TRAUGER, R.J., GIERMAKOWSKA, W., WORMSLEY, S., TURNER, J., JENSEN, F.C. & CARLO, D.J. Autoproliferation in HIV-1-infected patients undergoing active HIV-1-specific immunotherapy, 7
- TSANG, K.L.C. *see* CHAN, T.M.
- TSUKAMOTO, Y. *see* OHMIYA, N.
- TURNER, J. *see* TRAUGER, R.J.
- TZARTOS, S.J. *see* MAPPOURAS, D.G.
- ULRICH, M., RODRIGUEZ, V., CENTENO, M. & CONVIT, J. Differing antibody IgG isotypes in the polar forms of leprosy and cutaneous leishmaniasis characterized by antigen-specific T cell anergy, 54
- VAN DE POL, E. *see* GRIMM, M.C.
- VAN DER BURG, S.H. *see* BALLIEUX, B.E.P.B.
- VAN DER POLL, T., LEVI, M., TEN CATE, H., JANSEN, J., BIEMOND, B.J., HAAGMANS, B.L., EERENBERG, A., VAN DEVENTER, S.J.H., HACK, C.E. & TEN CATE, J.W. Effect of postponed treatment with an anti-tumour necrosis factor (TNF) F(ab')₂ fragment on endotoxin-induced cytokine and neutrophil responses in chimpanzees, 21
- VAN DER WOUDE, F.J. *see* BALLIEUX, B.E.P.B.
- VAN DEVENTER, S.J.H. *see* VAN DER POLL, T.
- VAN ROOIJEN, N. *see* HUITINGA, I.
- VANDENBRUAENE, M.J. *see* VINGERHOETS, J.H.
- VANHAM, G.L. *see* VINGERHOETS, J.H.
- VARANI, A.R. *see* PONTESILLI, O.
- VEALE, D.J. *see* D'ARRIGO, C.
- VERSHININA, I.V. *see* PLATONOV, A.E.
- VINCENT, C. *see* SIMON, M.
- VINGERHOETS, J.H., VANHAM, G.L., KESTENS, L.L., PENNE, G.G., COLEBUNDERS, R.L., VANDENBRUAENE, M.J., GOEMAN, J., GIGASE, P.L., DE BOER, M. & CEUPPENS, J.L. Increased cytolytic T lymphocyte activity and decreased B7 responsiveness are associated with CD28 down-regulation on CD8⁺ T cells from HIV-infected subjects, 425
- VOGT, A. *see* JAHREIS, A.
- VON MIKECZ, A.H. *see* NEU, E.
- VON MIKECZ, A.H., HEMMERICH, P.H., PETER, H.-H. & KRAWINKEL, U. Autoantigenic epitopes on eukaryotic L7, 205
- VON MÜHLEN, C.A., CHAN, E.K.L., PEEBLES, C.L., IMAI, H., KIYOSAWA, K. & TAN, E.M. Non-muscle myosin as target antigen for human autoantibodies in patients with hepatitis C virus-associated chronic liver diseases, 67
- VOS, W. *see* KUMMER, J.A.
- VOURKA-KARUSSIS, U. *see* KARUSSIS, D.M.
- WADEE, A.A., KUSCHKE, R.H. & DOOMS, T.G. The inhibitory effects of *Mycobacterium tuberculosis* on MHC class II expression by monocytes activated with riminophenazines and phagocyte stimulants, 434
- WADHWA, M. *see* NEUHAUS, T.J.
- WAGNER, L., WIESHOLZER, M., WORMAN, C.P., LANG, G. & BASE, W. BLT-esterase in infectious mononucleosis, 223
- WANG, J.M. *see* CHU, H.W.
- WATANABE, M. *see* FUKUDA, R.
- WATSON, C.J., FINLAY-JONES, J.J., McDONALD, P.J. & HART, P.H. IL-4 mRNA expression by peritoneal cells during episodes of peritonitis in patients on continuous ambulatory peritoneal dialysis, 253
- WEBSTER, G.A., BOWLES, M.J., KARIM, M.S., WOOD, R.F.M. & POCKLEY, A.G. Flow cytometric analysis of peripheral blood lymphocyte subset light scatter characteristics as a means of monitoring the development of rat small bowel allograft rejection, 536
- WEENING, J.J. *see* KALLENBERG, C.G.M.
- WEISS, N. *see* HURT, N.
- WHYTE, J., EARNSHAW, W.C., CHAMPOUX, J.J., PARKER, L.H., STEWART, L., HALL, N.D. & MCHUGH, N.J. Detection of anti-topoisomerase I antibodies using a full length human topoisomerase I recombinant protein purified from a baculovirus expression system, 214
- WIESHOLZER, M. *see* WAGNER, L.
- WILLIAMS, R. *see* MICHALAK, T.I.
- WOO, J., WRIGHT, T.M., LEMSTER, B., BOROCHOVITZ, D., NALESNIK, M.A. & THOMSON, A.W. Combined effects of FK506 (tacrolimus) and cyclophosphamide on atypical B220⁺ T cells, cytokine gene expression and disease activity in MRL/MpJ-lpr/lpr mice, 118
- WOOD, P.J. & COSSENS, I.A. The influence of allo-class II MHC-specific Th2 cells on the generation of CD4 and CD8 cytotoxic T cells to associated class I and class II MHC alloantigen, 359
- WOOD, R.F.M. *see* WEBSTER, G.A.
- WOOF, J.M. *see* D'ARRIGO, C.
- WORMAN, C.P. *see* WAGNER, L.
- WORMSLEY, S. *see* TRAUGER, R.J.
- WRIGHT, T.M. *see* Woo, J.
- WYLLIE, J.H. *see* Soo, K.S.
- YAMAMOTO, T. *see* ONO, M.
- YAMAMOTO, T., YONEDA, K., OSAKI, T., YOSHIMURA, N. & AKAGI, N. Longer local retention of adoptively transferred T-LAK cells correlates with lesser adhesion molecule expression than NK-LAK cells, 13
- YANAGIDA, H. *see* Ota, H.
- YANAGIHARA, Y. *see* IKIZAWA, K.
- YARNALL, D. *see* SEKUT, L.
- YENTIS, S.M., ROWBOTTOM, A.W. & RICHES, P.G. Detection of cytoplasmic IL-1β in peripheral blood mononuclear cells from intensive care unit (ICU) patients, 330
- YOKOYAMA, A., KOHNO, N., HIRASAWA, Y., KONDO, K., ABE, M., INOUE, Y., FUJIOKA, S., FUJINO, S., ISHIDA, S. & HIWADA, K. Evaluation of soluble IL-6 receptor concentration in serum and epithelial lining fluid from patients with interstitial lung diseases, 325
- YONEDA, K. *see* YAMAMOTO, T.
- YOSHIMURA, N. *see* YAMAMOTO, T.
- YOSHIZAWA, Y., OHTANI, Y., INOUE, T., MIYAKE, S., IKEDA, A., TANBA, M. & KURUP, V.P. with the technical assistance of MIYAMOTO, K. Immune responsiveness to inhaled antigens: local antibody production in the respiratory tract in health and lung diseases, 395
- YOUSIF, Y. *see* JAHREIS, A.
- YU, P.M. *see* CHAN, T.M.
- YUMURA-YAGI, K. *see* OSUGI, Y.
- YUSA, A. *see* SOMA, J.
- ZHENG, R.Q.H. & KEMENY, D.M. Inhibition of gene expression by antisense oligodeoxynucleotides, 380

Subject Index

7E12H12 MoAb, 457

α_1 -antitrypsin, 194
 ABPA, 319
 accessory cytokine, 298
 acetylcholinesterase, 336
 acidic ribosomal P2 proteins, 246
 activation, 75
 active systemic anaphylaxis, 390
 acute-phase protein, 306
 adhesion, 173
 adhesion molecule, 506
 adhesion molecules, 13
 affinity purification, 90
 ANCA, 194
 anti-52-kD-Ro antibodies, 499
 anti-DNA antibody, 506
 anti-La antibodies, 499
 anti-RNPS, 486
 anti-hsp, 73, 486
 antibody against inhaled fungi, 395
 antigen presentation, 104
 antigenic determinants, 246
 antisense oligodeoxynucleotide, 383
 APC, 298
 appendicitis, 133
 arthritis, 126
 arthritis animal model, 104
 ASGP-R, 227
 asthma, 314
 autoantibodies, 75, 198, 205, 336, 499
 autoantibody, 457, 463
 autoimmune thyroid diseases, 336
 autoimmunity, 67, 75, 262
 autoprofiferation, 7

B7, 425
 B cell differentiation disorder, 47
 B cells, 406
 BCGI immunotherapy, 26
 biochemical purification, 489
 BLT-esterase, 223
 bone marrow transplantation, 111
 bone marrow transplants, 352
 bronchoalveolar lavage, 325, 366
 bronchoalveolar lavage fluids, 395

C3c, 269
 C9, 40
 C-reactive protein, 306
 CD13, 277
 CD14, 291, 314
 CD16, 314
 CD26, 277
 CD28, 425
 CD45, 133
 CD45RA, 543
 CD45RO, 543
 CD57, 425
 CD80, 81
 children, 475, 543
 chimaeras, 352
 chronic arthritis, 81
 chronic hepatitis B, 446
 chronic liver diseases, 67

colon cancer cells, 457
 complement, 32, 227, 514
 correlations, 198
 CR1, 269
 CR3, 269
 CR4, 269
 Crohn's disease, 452
 CTL, 425
 cutaneous leishmaniasis, 239
 CVID, 406
 cyclophosphamide, 111
 cyclophosphamide autoimmunity, 118
 cytokeratins, 90
 cytokine mRNA, 446
 cytokines, 21, 118, 253, 330, 359, 440, 452

deficiency, 32
 demyelination, 344
 dendritic cells, 81
 deposition, 269
 dog, 246

elastase, 194
 endothelial cell, 506
 endotoxin, 21
 eosinophils, 319
 epidemiological tool, 59
 epithelial lining fluid, 325
 epitope mapping, 205

Fc receptors, 173
 fever, 59
 FK506, 118
 flow cytometry, 314, 330, 366, 536
 frequencies, 198

$\gamma\delta$ T cells, 519
 germ-line V_H gene, 284
 glomerular basement membrane, 262
 Goodpasture's disease, 262
 gp120, 412
 gp160, 419
 granzyme A, 164, 223
 granzyme B, 164

HBV, 227
 head and neck tumours, 13
 hepatitis B, 227
 hepatitis C virus, 67
 hepatocytes, 227
 HIV, 233, 412, 419, 425
 HIV-1, 219
 HIV-1 cell-mediated immunity, 7
 HIV-1 immunogen, 7
 HLA-A*0201, 186
 human, 253
 human T cell subsets, 239
 human hepatocytes, 306
 human hepatoma cells, 306
 humoral response, 246

IEC, 298
 IFN- γ , 157, 401
 IgA deficiency, 47
 IgA nephropathy, 470

- IgE, 145
- IgE production, 383
- IgG, 145
- IgG aggregates, 173
- IgG isotypes, 54
- IgG subclasses, 47
- IL-1 receptor antagonist, 306
- IL-10, 452
- IL-1 β , 330
- IL-2, 475
- IL-2 receptor, 59
- IL-2 synthesis, 406
- IL-4, 253, 277, 383, 475
- IL-4 receptor, 383
- IL-6, 139, 233, 325
- IL-8, 233
- immune complexes, 145, 514
- immunoglobulin synthesis, 406
- immunogold labelling, 90
- immunohistochemistry, 164, 319
- immunosuppression, 75
- immunotherapy, 7
- in vivo*, 126
- infectious mononucleosis, 223
- inflammation, 440
- inflammatory bowel disease, 291, 452
- inhibition by mycobacteria, 434
- innate immune system, 219
- interferon-gamma, 26, 75, 253, 440, 475
- interstitial lung disease, 325
- juvenile rheumatoid arthritis, 514
- ketotifen, 529
- L7, 198, 205
- laser scanning confocal micrography, 151
- lectins, 470
- Leishmania*, 440
- leishmaniasis, 54
- leprosy, 54
- LiP2a, 246
- LiP2b, 246
- liposomes, 344
- local retention, 13
- lupus nephritis, 118, 284
- lymphocyte, 419
- lymphocyte subpopulations, 223
- lymphocyte subset, 543
- lymphoid tissue, 164
- lymphopenia, 133
- macrophage, 291, 344
- malaria, 59
- mannan-binding protein, 219
- mannose-binding protein, 219
- mast cells, 529
- maturation, 366
- MBP, 219
- MCTD, 486
- memory lymphocytes, 133
- meningococcal, 32
- metabolic turnover, 40
- MHC expression, 434
- monocyte, 291, 314
- mouse model, 352
- MRL/lpr mice, 111, 118
- MRL/lpr mouse, 284
- mucosal immunity, 298
- myasthenia gravis, 336
- Mycobacterium avium*, 75
- Mycobacterium tuberculosis*, 233
- myosin, 67
- myositis, 519
- N-acetyl galactosamine, 470
- naive lymphocytes, 133
- neonatal lupus erythematosus, 499
- nephritogenic antibody, 284
- neutrophils, 21, 173
- NK-LAK, 13
- oesophagus, 90
- p24, 419
- PDE-IV inhibitors, 126
- peptide T, 412
- peripheral blood, 366, 536
- peritonitis, 139, 253
- phenotype, 81
- platelet-activating factor, 390
- polyclonal B cell, 75
- profilaggrin rat, 90
- proliferation, 419
- protein tyrosine kinase, 157
- protein tyrosine phosphatase, 157
- proteinase 3, 186, 194
- proteoglycan, 104
- pulmonary defence mechanism, 395
- pulmonary inflammation, 395
- rat, 536
- rat IgM^{high}IgD^{low} B cell, 151
- receptors, 21
- recombinant autoantigen, 214
- regulation, 359
- renal cell carcinoma, 277
- respiratory tract infections, 47
- rheumatoid factor, 514
- ribonucleoproteins, 489
- riminophenazines, 434
- RNA binding proteins, 205
- Ro antigen, 489
- Ro proteins, 489
- rolipram, 126
- RT-PCR, 401
- sarcoidosis, 401
- SC5b-9, 40
- scid* mice, 440
- scleroderma, 214
- sepsis, 330
- serum amyloid A protein, 306
- shock, 126
- silica, 139
- small bowel transplantation, 536
- soluble IL-6 receptor, 325
- staphylococcal proteins, 406
- superficial bladder cancer, 26
- synovial fluid, 81
- systemic lupus erythematosus, 111, 205, 480
- systemic sclerosis, 99
- T and B cells, 352
- T antigen, 470
- T cell anergy, 54
- T cell proliferation, 262
- T cell receptors, 519
- T cell-dependent antigen, 75
- T cells, 118, 186, 412
- T hybridoma, 104
- T lymphocytes, 319
- T-LAK, 13
- terminal complement complex, 40
- Th1, 446
- Th2, 446
- thyroglobulin, 336, 463
- tissue distribution, 40

- TNF receptors, 59
- tolerance, 359
- topoisomerase I, 214
- total body irradiation, 111
- transforming growth factor-beta, 99
- transplantation, 359
- tumour necrosis factor, 21, 139, 233
- tumour necrosis factor-alpha, 26, 126
- type IV collagen, 262
- ulcerative colitis, 452, 457
- vaccine, 32
- vanadate, 157
- vasculitis, 186, 194
- V_H, 463
- viscerocutaneous leishmaniasis, 246
- V_L, 463
- von Willebrand factor, 506